Contents of volume 106

No. 1: pp 1–126 issued in December 1990 No. 2: pp 129–264 issued in January 1991 No. 3: pp 265–398 issued in January 1991 No. 4: pp 399–506 issued in February 1991

Altherr R → Lugović B 201–216
Andre L → Vander Auwera J 325–339
Arnold J, Sandiford M: Petrogenesis of
cordierite-orthoamphibole assemblages
from the Springton region, South Australia 100–109

Baker DR: Interdiffusion of hydrous dacitic and rhyolitic melts and the efficacy of rhyolite contamination of dacitic enclaves 462–477

Baker J, Holland T, Powell R: leograds in internally buffered systems without solid solutions: principles and examples 170-182

Banfield JF, Veblen DR, Jones BF: Transmission electron microscopy of subsolidus oxidation and weathering of olivine 110–123

Baumgartner LP, Ferry JM: A model for coupled fluid-flow and mixed-volatile mineral reactions with applications to regional metamorphism 273–285

Bellon H → Defant MJ 309-324 Bielicki K-H, Tischendorf G: Lead is

Bielicki K-H, Tischendorf G: Lead isotope and Pb-Pb model age determinations of ores from Central Europe and their metallogenetic interpretation 440-461

Boer JZ de → Defant MJ 309-324 Burton KW, O'Nions RK: The timescale and mechanism of granulite formation at Kurunegala, Sri Lanka 66-89

Carmichael ISE: The redox states of basic and silicic magmas: a reflection of their source regions? 129–141

Castro A, Rosa JD de la, Stephens WE: Magma mixing in the subvolcanic environment: petrology of the Gerena interaction zone near Seville, Spain 9-26

Chen C-Y, Frey FA, Garcia MO, Dalrymple GB, Hart SR: The tholeilte to alkalic basalt transition at Haleakala Volcano, Maui, Hawaii 183–200

Clark LF → Defant MJ 309-324
Cohen AS, O'Nions RK, O'Hara MJ: Chronology and mechanism of depletion in Lewisian granulites 142-153

Dalrymple GB → Chen C-Y 183–200
David F, Walker L: Ion microprobe study of intragrain micropermeability in alkali feldspars 124–128

Defant MJ, Clark LF, Stewart RH, Drummond MS, Boer JZ de, Maury RC, Bellon H, Jackson TE, Restrepo JF: Andesite and dacite genesis via contrasting processes: the geology and geochemistry of El Valle Volcano, Panama 309–324
Drummond MS -> Defant MJ 309-324

Ebadi A, Johannes W: Beginning of melting and composition of first melts in the system Qz-Ab-Or-H₀O-CO₂ 286-295

Essene EJ → Shau Y-H 367-378

Feather ME → Shau Y-H 367-378
Feeley TC, Grunder AL: Mantle contribution of the evolution of Middle Tertiary silicic magmatism during early stages of extension: the Egan Range volcanic complex, east-central Nevada 154-169
Ferry JM → Baumgartner LP 273-285
Frey FA → Chen C-Y 183-200

Garcia MO → Chen C-Y 183-200 Ghiorso MS → Sack RO 474-505 Grunder AL → Feeley TC 154-169

Hart SR → Chen C-Y 183–200
Higgins MD: The origin of laminated and massive anorthosite, Sept Iles layered intrusion, Québec, Canada 340–354
Hofmann AW → Lugović B 201–216
Holland T → Baker J 170–182
Hornig I, Wörner G: Zirconolite-bearing ultra-potassic veins in a mantle-xenolith from Mt. Melbourne Volcanic Field, Victoria Land, Antarctica 355–366

Jackson TE → Defant MJ 309–324 Johannes W → Evadi A 286–295 Jones BF → Banfield JF 110–123

Kramm U, Wedepohl KH: Tertiary basalts and peridotite xenoliths from the Hessian Depression (NW Germany), reflecting mantle compositions low in radiogenic Nd and Sr 1-8

Lugović B, Altherr R, Raczek I, Hofmann AW, Majer V: Geochemistry of peridotites and mafic igneous rocks from the Central Dinaric Ophiolite Belt, Yugoslavia 201–216

Luth RW → Ulmer P 265-272

Mahood GA → Metz JM 379-397
Majer V → Lugović B 201-216
Maury RC → Defant MJ 309-324
McCaig AM, Wickham SM, Taylor HP Jr:
Deep fluid circulation in alpine shear
zones, Pyrenees, France: field and oxygen isotope studies 41-60

Merriman RJ, Roberts B, Peacor DR: A transmission electron microscope study of white mica crystallite size distribution in a mudstone to slate transitional sequence, North Wales, UK 27-40

Metz JM, Mahood GA: Development of the Long Valley, California, magma chamber recorded in precaldera rhyolite lavas of Glass Mountain 379–397

Mukhopadhyay B: Forsterite-diopside-spinel-liquid equilibria in the system CaO-MgO-Al_pO₃-SiO₆ at 20 kbar and petrological applications 253-264

Neumann E-R: Ultramafic and mafic xenoliths from Hierro, Canary Islands: evidence for melt infiltration in the upper mantle 236-252

O'Hara MJ → Cohen AS 142-153 O'Nions RK → Burton KW 66-89→ Cohen AS 142-153

Peacor DR → Merriman RJ 27-40→ Shau Y-H 367-378

Philippot P, Selverstone J: Trace-elementrich brines in eclogitic veins: implications for fluid composition and transport during subduction 417–430

Poli 3: Reaction spaces and P-7 paths: from amphibole eclogite to greenschist facies in the Austroalpine domain (Oetztal Complex) 399–416

Powell R: Matrix analysis of metamorphic mineral assemblages and reactions; alternatives and extensions 61-65 Powell R → Baker J 170-182

Raczek I → Lugović B 201-216 Restrepo JF → Defant MJ 309-324 Roberts B → Merriman RJ 27-40 Rosa JD de la → Castro A 9-26

Sack RO, Ghiorso MS: An internally consistent model for the thermodynamic properties of Fe – Mg-titanomagnetite-aluminate spinels 474–505

Sandiford M → Arnold J 100–109 Seck HA → Witt-Eickschen G 431–439 Selverstone J → Philippot P 417–430

Shau Y-H, Feather ME, Essene EJ, Peacor DR: Genesis and solvus relations of submicroscopically intergrown paragonite and phengite in a blueschist from northern California 367–378

Spear F8 → Wang P 217-235 Stephens WE → Castro A 9-26 Stewart RH → Defant MJ 309-324

Sullivan GE: Chemical evolution of basalts from 23° N along the mid-Atlantic ridge: evidence from melt inclusions 296–308 Taylor HP Jr → McCaig AM 41-60 Tischendorf G → Bielicki K-H 440-461

Ulmer P, Luth RW: The graphite-COH fluid equilibrium in P, T, fo, space. An experimental determination to 30 kibar and 1600" C 265–272

Vander Auwers J., Andre L.: Trace elements (REE) and isotopes (O, C, Sr) to characterize the metasomatic fluid sources: evidence from the skarn deposit (Fe, W, Cu) of Traversella (Ivrea, Italy) 325-339

Vavra G: On the kinematics of zircon growth and its petrogenetic significance: a cathodoluminescence study 90-99

Veblen DR → Benfield JF 110-123

Walker FDL: Ion microprobe study of intragrain micropermeability in alkali feldspers 124–128

Wang P, Spear FS: A field and theoretical analysis of garnet + chlorite + chlori-

toid → biotite assemblages from the triatate (MA, CT, NY) area, USA 217-235 Wedepohl KH → Kramm U 1-8 Wickham SM → McCaig AM 41-80 Witt-Eickschen G, Seck HA: Solubility of Ca and Al in orthopyroxene from spinel peridotite: an improved version of an empirical geothermometer 431-439

Indexed in Current Contents/ Abstracted in Mineralogical Abstracts

Wörner G → Hornig I 355-366.

